

LTE Band 41 Channel Band width: 15MHz	
Channel 40620	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz~3GHz
	Marker 1 2.350667533377 GHz Auton Aut
IFGainLow #Atten: 20 dB Der MINNIN Brown 19 Minning #Atten: 20 dB Der Minning	NextPeak Ref Office 1231 dB NextPeak NextPeak
10 dB/div Ref 18.10 dBm -37.06 dBm -37.06 dBm	10 dB/div Ref 23.10 dBm45.87 dBm
810 Nex	xt Pk Right
.119	ext Pk Left
-219 DU-250.060 MM	arker Delta
	28.9
	Mkr→CF 359 Mkr→CF
.619	
619 MI	kr→RefLvi 269 Mkr→RefLvi
-719	More More
Start 9 kHz Stop 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	1 of 2 Start 1.000 GHz Stop 3.000 GHz 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
	Mag (status)
Frequency Range : 3GHz~27GHz	
Marker 1 26.710785539277 GHz Avg Type: Log-Pwr TRACE 2 3 4 5 C	k Search
Ref Offset 23.1 dB Mkr1 26.710 8 GHz	NextPeak
-6.90 Ne:	xt Pk Right
-16.9	ext Pk Left
-26.9	
	arker Delta
	MkrCF
	krRef Lv
	More 1 of 2
Start 3.00 GHz Stop 27.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	

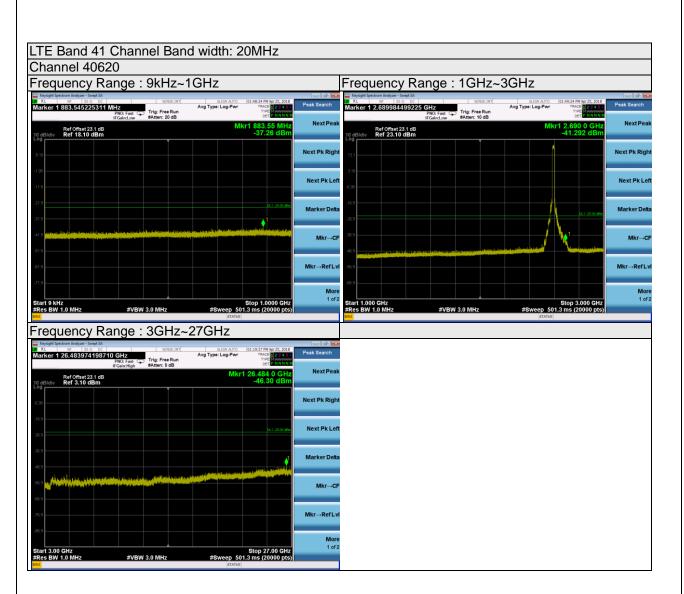


LTE Band 41 Channel Band width: 15MHz Channel 41515		
Frequency Range : 9kHz~1GHz		Frequency Range : 1GHz~3GHz
Keyligit Spectrum Analyzer - Swept SA SENSE:101 ALIGN AUTO 01:41:27 PM Apr 25, 2016 R R R DC SENSE:101 ALIGN AUTO 01:41:27 PM Apr 25, 2016		Keyright Spectrum Analyzer - Swept SA Sec. DC SCHOCE-INT ALLOW AUTO 01:47:37 FM Avr.35 2018
Marker 1 680.136885494 MHz Avg Type: Log-Pwr TR4CE 123 4 5 PNO: Fest CD Trig: Free Run Tree Run CD Trig: Free Run CD Tree Run CD RUN TR4CE 123 4 5 FGein-Low Akten: 20 dB DEF RUN TR4CE 123 4 5	Peak Search	Marker 1 2.383469173459 GHz Avg Type: Log-Pwr TRACE 12.383469173459 GHz Trig: Free Run Trig: Free Run HGinitow #Atten: 10 dB OFF Melthana
Ref Offset 23.1 dB Mkr1 680.14 MH: 10 dB/div Ref 18.10 dBm -36.78 dBm -36.78 dBm		Ref Offset 23 1 dB Mkr1 2.383 5 GHz 10 dB/div Ref 23.10 dBm - 46.76 dBm
8.10	Next Pk Right	131 Next Pk Right
130	Next Pk Left	3.0 Next Pk Left
219	Marker Delta	159 Marker Detta
	Mkr→CF	- ∞9 Mkr→CF
619	Mkr→RefLv	
713 Stop 1.0000 GH/	More 1 of 2	Start 1.000 GHz 1 of 2
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts 1900 [STATUS]	5)	#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
Frequency Range : 3GHz~27GHz		
Kopsight Spectrum Analyzer - Swept SA SSINCE SIVI ALLON AUTO (91:17:45 PM Agr 25, 2011) Matk or 15.33713185555928 CH2 File File Arg Type: Log-Pwr Tinde: Trig: Trig	Peak Search	
Ref Offset 23.1 dB Mkr1 5.371 3 GH2 10 dB/div Ref 3.10 dBm -46.08 dBm -46.08 dBm		
6.30	Next Pk Right	
16.9	Next Pk Left	
.559	Marker Deita	
	Mkr→CF	
	Mkr→RefLv	
	More	
Start 3.00 GHz Stop 27.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)		











LTE Band 41 Channel Band w	vidth: 20MHz		
Channel 41490			
Frequency Range : 9kHz~1Gł		Frequency Range : 1GHz~30	
RL RF 50 Ω DC SENSE:INT Marker 1 851.4933911196 MHz PNO: Fast Free Run IFGainLow #Atten: 20 dB	ALIGN AUTO 01:47:23 PM Apr 25, 2018 vg Type: Log-Pwr TRACE 23 4 5 5 TYPE MUMANY DET PLANNINK	Marker 1 2.487174358718 GHz PNO: Fast IFGain.low FAtter: 10 dB	ALIGN AUTO 01:48:01 PM Apr 25, 2018 vg Type: Log-Pwr TR4CE 23:45:5 TYPE MUMANNA OCT PUNNNNN
10 dB/div Ref 0ffset 23.1 dB Log Log	Mkr1 851.49 MHz -37.22 dBm	Ref Offset 23.1 dB 10 dB/div Ref 23.10 dBm Log	Mkr1 2.487 2 GHz -40.974 dBm
8.10	Next Pk Right	13.1	Next Pk Right
-190	Next Pk Left	6.90	Next Pk Left
-21.9	Marker Delta	.16.9	Marker Deita
-11.9 Mills of a synthesis in the second synthesis of the second synthesis in the second synthesynthesis in the second synthesis in the second synthes			1 Mkr⊸CF
61.9	Mkr→RefLvl		Mkr→RefLvi
-719 Start 9 kHz	More Stop 1.0000 GHz 1 of 2	66.9 Start 1.000 GHz	More Stop 3.000 GHz 1 of 2
#Res BW 1.0 MHz #VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	#Res BW 1.0 MHz #VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)
Frequency Range : 3GHz~270	GHz		
Keydigk Spectrum Analyzer - Swept SA. VR AL RF 50 0 CC SENSE.INT Marker 1 25.4.11120556028 GHz PNO: Fast Trig: Free Run Avg IFGaintaitigh Atten: 0 B Atten: 0 B Atten: 0 B	ALIGN AUTO 01:20:09 PM Apr 25, 2018 rg Type: Log-Pwr TRACE 7 2 4 4 7 TYPE 0 ET PMANNEL		
10 dB/div Ref Offset 23.1 dB Log Ref 3.10 dBm	Mkr1 25.411 1 GHz -46.70 dBm		
-6.90	Next Pk Right		
-16.9	CLI 45500 Em		
369	1 Marker Delta		
	Million of an of the standard		
76.9	Mkr⊸RefLvi		
86.9	More		
Start 3.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 27.00 GHz #Sweep 501.3 ms (20000 pts)		

equency Range : 9kHz~1GHz			
quelley Range : Skilz TOTIZ		Frequency Range : 1GHz~10	
alight Spectrum Analyzer - Swept SA SENSE:NIT ALION AUTO 02:18:50 PM opr (02:18:50 PM	26, 2018 2 3 4 5 6 Peak Search	■ Keyingt Spectrum Analyzer - Swept SA VE RL 6F 560 DC SENSEINT Narker 1 3.757287864393 GHz Trig: Free Run FGaint.ow #Atten: 10 dB	ALIGN AUTO 02:20:16 PM Apr 26, 2018 g Type: Log-Pwr TR4CE 12 2 4 5 C Type: Log-Pwr TR4CE 12 2 4 5 C Type: Log-Pwr TR4CE 12 2 4 5 C
Ref Offset 26 dB Mkr1 791.74 /div Ref 26.00 dBm -44.63	MHz NextPeak dBm	Ref Offset 26 dB 10 dB/div Ref 26.00 dBm	Mkr1 3.757 3 GHz -38.13 dBm
	Next Pk Right	15.0	Next Pk Rig
	Next Pk Left	4.00	Next Pk L
	Marker Delta	.14.0	Marker Do
	Mkr⊸CF		Mkr→
	Mkr→RefLvi	640	Mkr→Refi
9 kHz Stop 1.0000 BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (2000	More 1 of 2 0 gHz	Start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 10.000 GHz 10
equency Range : 10GHz~26.5GHz]	
sight Spectrum Analyzer - Swept SA SENSE_SNT ALIGN AUTO (62:20:37 PM 4or) RF 150:9 DC SENSE_SNT AUGN AUTO (62:20:37 PM 4or) RF 150:9 DC Trig: Free Run Avg Type: Log-Pw Trice: T	26, 2018 2 3 4 5 0 2 4 5 0		
Ref Offset 26 dB Mkr1 26.152 7 /div Ref 26.00 dBm -33.67			
	Next Pk Right		
	Next Pk Left		
	Marker Delta		
	Mkr→CF		
	Mkr→RefLvl		

BUREAU VERITAS



LTE Band 66 Channel Band width: 1.4MHz Channel 131979	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
🔤 Keysight Spectrum Analyzer - Swept SA	🕞 🖗 🔤 🖕 Keysight Spectrum Analyzer - Swept SA
Marker 1 922.153607680 MHz Avg Type: Log-Pwr TR4CE 1 234.5 0	Veak Search Viel Marker 1 3.602480121006 GHz Stotesant Augraphies Avg Type: Log-Pwr Trice: Present Pack Search Morrison 100 Fait PR0: Fait Trig: Free Run Avg Type: Log-Pwr Trig: Free Run
If Gainstow Arten: 30 dB Certainting Ref Offset 2285 dB Mkr1 922.15 MHz 10 dB/dir Ref 42.05 dBm 10 dB/dir Ref 42.05 dBm -27.67 dBm -27.67 dBm	NextPeak Ref Offeet 22.85 dB Collection Ref 42.05 dBm Collection Ref 42
	Next Pk Right Next Pk Right
	Next Pk Left
-7.05	Marker Delta
371 271 271 271 271 271 271 271 271 271 2	MkrCF
	MkrRefLvl 920 MkrRefLvl
Start 9 kHz Start 9 kHz Stop 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	More More 1 e12 Start 1.000 GHz 1 e12 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
Frequency Range : 10GHz~26.5GHz	INTATAL ITATAL
Keysight Spectrum Analyzer - Swept SA Sector - S	
Marker 1 26.475248762438 GHz Avg Type: Log-Pwr 1762 1224 5 1 IFGain.low #Atten: 30 dB OF	eak Search
Ref Offset 22 95 dB Mkr1 26.475 2 GHz	NextPeak
	lext Pk Right
	Next Pk Left
296	Marker Delta
	Mkr→CF
	Mkr→RefLvi
30 Start 10.000 GHz Stop 26.500 GHz	More 1 ef2
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	



LTE Band 66 Channel Band width: 1.4MHz	
Channel 132322	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
Royald Spectrum Andgers-Sampti Sa SSECENT ALL 004 AUTO 01282-0294 April - 2018 Mark or 1 998 005 017 ALL 004 AUTO 01282-0294 April - 2018 Mark or 1 991.027/051355 MIHZ Trace free Run Avg Type: Log-Aw Provid 222 are run Pack Search Mark or 1 991.027/051355 MIHZ Trace free Run Avg Type: Log-Aw Provid 22 are run Pack Search	Kongapit Spectrum Andrers - Signed Sa. Secol. Intl AL OF AVAIL 02:51 PM Acr11. 2019 Marker 1 37.553237651883 GH2 pm FOR Avail - A
Ref Offset 2295 dB Mkr1 991.03 MHz 10 dB/div Ref 42.95 dBm -27.01 dBm	tk Ref OnSet 22.95 dB Mkr1 3.753 2 GHz Veral
330	Next Pk Right
130 Next Pk Le	130 Next Pk Left
295 Marker De	2.95 Marker Delta
17.1 Mkr-G	F 171 Mkr-CF
	vi 371 MkrRefLv
Start 9 kHz Stop 1.0000 GHz Mo #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	2 Start 1.000 GHz Stop 10.000 GHz 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
Frequency Range : 10GHz~26.5GHz	
Kyvigt Spectrum Analyzer - Snegt SA	8 8
Marker 1 26.217010850543 GHz Avg Type: Log-Pwr TACE D 3 4 5 G PRO: Fast C Trig: Free Run Pro: Free Run Pro: Trig: Free Run D C Run	
Ref Offset 2295 dB Mkr1 26.217 0 GHz 10 dB/dly Ref 42.95 dBm -16.85 dBm	k
330 Next Pk Rig	ht
20 Next Pk Le	a.
2.90 Marker De	
12.1 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2 2.2	*
221 Strike in sector in the	v
Star 10.000 GHz Stop 26.500 GHz 1 of	
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	



LTE Band 66 Channel Band width: 1.4MHz	
Channel 132665	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
Registry Spectrum Analysis: - Specific Hill ALL IN APROV Specific Hill ALL IN APRO Specific Hill Account Hill Specific Hill Account Hill Peak Specific Peak Specific Peak Specific Hill	PNO: Fast Fig: Free Run Trig: Free Run Fig: No Fig: Fig: Free Run Fig: F
Ref Offset 22.95 dB Mkr1 880.78 MHz 10 dBidliv Ref 42.95 dBm -27.59 dBm	ak Ref Offset2295 dB 10 dBildiv Ref 42.95 dBm -21.85 dBm
53.0 Next Pk Ri	ht 330 Next Pk Right
100 Next PK L	Next Pk Left
2 29 Marker Do	220 Marker Deita
127.1 MKr 27.1 A MKr 1.1 MKr	CF 27.1 MkrCF
37.1 International Mathematical providences and a statistical production of an analysis of the automatic statistic statist	
Start 9 kHz Stop 1.0000 GHz 11 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (2000 pts) 11	
Frequency Range : 10GHz~26.5GHz	
Koysight Spectrum Andyser Sungs SA. Select SIT August Spectrum Andyser Sungs SA. Select SIT August August Sample	
Ref Offset 22.95 dB Mkr1 25.964 5 GHz	ak
Next Pik Rig	phr.
13.0 Next Pk L	en
2 00 7 00 Marker De	ia di seconda di second
17.1 Kr Start Barrier, Start Barr	CF.
S2.1 MkrRef	.vi
Start 10,000 GHz Stop 26,500 GHz Mill #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	







LTE Band 66 Channel Bane Channel 132322	d width: 3MHz	
Frequency Range : 9kHz~1	IGH7	Frequency Range : 1GHz ~10GHz
Keysight Spectrum Analyzer - Swept SA		Keysight Spectrum Analyzer - Swept SA
Marker 1 819.473973699 MHz PNO: Fast IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr TRACE D 2 3 5 5 TYPE WANNAND	Marker 1 3.769888494425 GHz Avg Type: Log-Pwr TReC T 2.3 4 5 Peak SealCh PNO: Fast Trig: Free Run Trig: Free Run OF Parker 30 4B OF Parker 30 4B
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Mkr1 819.47 MHz -27.70 dBm	Ref Offset 22.95 dB Mkr1 3.769 9 GHz Next Peak 10 dB/div Ref 42.95 dBm -21.71 dBm Next Peak
33.0	Next Pk Right	330 Next Pk Right
13.0	Next Pk Left	200 Next Pk Left
295	Marker Deita	2.9 Marker Delta
-17.1	ktiti300geb Mkr→CF	1771 Company Control of Control o
10 The system of the ten strategy of the system of the system of the strategy of the system of the s	Mar prest (m) - Den Sel Disconer (Mar here and Mar he	
47 1 Start 9 kHz	Stop 1.0000 GHz	C 1 More Start 1.000 GHz Stop 10.000 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
Frequency Range : 10GHz		
Marker 1 26.497524876244 GHz SENSE:INT PNO: Fast Trig: Free Run IFGainLow #Atten: 30 dB	ALIGN AUTO 02:30:09 PM Apr 11, 2018 Avg Type: Log-Pwr TRACE 12:3:4:5:0 TYPE 11 OCT 2 NUNNN	
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Mkr1 26.497 5 GHz -16.07 dBm	
33.0	Next Pk Right	
23.0	Next Pk Left	
13.0		
2.95		
-7.05	Marker Delta	
17.1	Marker Deta	
7 05 17 1 22 1 defines on the second secon	pt.1.43.00.4 1	
2.05 17.1	Renard Marine Mari	



LTE Band 66 C		d width: 3	BMHz					
Channel 13265 Frequency Ran		1647			Frequency P	ange : 1GHz ~	10047	
Keysight Spectrum Analyzer - Swept SA	ige . ski iz~		02:27:39 PM Apr 11, 2018	- 4 <mark></mark>	Keysight Spectrum Analyzer - Swept SA		ALIGN AUTO 02:27:58 PM Apr11, 2018	
Marker 1 866.957847892 MH:	Z NO: Fast Gain:Low #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Peak Search	Marker 1 3.785189259463	PNO: Fast Trig: Free Run IFGein:Low #Atten: 30 dB	Avg Type: Log-Pwr TRACE 1 2 3 4 5 0 TYPE Det Physics 1 2 3 4 5 0 TYPE DET PHYSICS 1 2 3 4 5 0	Peak Search
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Galit.Low sector of as	м	kr1 866.96 MHz -26.99 dBm	Next Peak	Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm		Mkr1 3.785 2 GHz -21.50 dBm	Next Peak
33.0				Next Pk Right	33.0			Next Pk Right
23.0				Next Pk Left	23.0			Next Pk Left
-7.05				Marker Delta	-7.05			Marker Delta
-17.1			0.1 -13.00 dBn	Mkr→CF	-17.1	1-	CL1-13.00 dBm	Mkr→CF
After the table conference of the second sec				Mkr→RefLvi	-37.1			Mkr→RefLvl
Start 9 kHz				More	-4//1			More
#Res BW 1.0 MHz	#VBW 3.0 MHz	#Sween 50	Stop 1.0000 GHz	1 of 2	Start 1.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Stop 10.000 GHz #Sween 501 3 ms (20000 nts)	1 of 2
#Res BW 1.0 MHz	#VBW 3.0 MHz	STATUS	1.3 ms (20000 pts)	1 of 2	Start 1.000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Stop 10.000 GHz #Sweep 501.3 ms (20000 pts) STATUS	1 of 2
Frequency Ran		~26.5GH	11.3 ms (20000 pts) Z	1 072		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
	nge : 10GHz	STATUS	1.3 ms (20000 pts)			#VBW 3.0 MH2	#Sweep 501.3 ms (20000 pts)	1 of 2
		~26.5GH ALIGN AUTO Avg Type: Log.Pwr	11.3 ms (20000 pts)			#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
Koviget Spectrum Analyzer - Swept SA Kar See See See See See See See See See Se	nge : 10GHz	~26.5GH ALIGN AUTO Avg Type: Log.Pwr	11.3 ms (20000 pts) Z 02:28:18 PM April, 2018 TRACE 12 2 4 5 C TYPE PMANN N 0 21 PMANN N 1 23,724 6 GHz	Peak Search		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
Here Frequency Ran ■ request lists for the first for th	nge : 10GHz	~26.5GH ALIGN AUTO Avg Type: Log.Pwr	11.3 ms (20000 pts) Z 02:28:18 PM April, 2018 TRACE 12 2 4 5 C TYPE PMANN N 0 21 PMANN N 1 23,724 6 GHz	Peak Search Next Peak		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
Constraints and percent a	nge : 10GHz	~26.5GH ALIGN AUTO Avg Type: Log.Pwr	11.3 ms (20000 pts) Z 02:28:18 PM April, 2018 TRACE 12 2 4 5 C TYPE P NAMAN N 0 21 P NAMAN N 1 23,724 6 GHz	Peak Search Next Peak Next Pk Right		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
Constraints and percent a	nge : 10GHz	~26.5GH ALIGN AUTO Avg Type: Log.Pwr	11.3 ms (20000 pts) Z 02:28:18 PM April, 2018 TRACE 12 2 4 5 C TYPE P NAMAN N 0 21 P NAMAN N 1 23,724 6 GHz	Peak Search Next Peak Next Pk Right Next Pk Left		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
Constraints and percent a	nge : 10GHz	~26.5GH ALIGN AUTO Avg Type: Log.Pwr	1.3 ms (20000 pts) Z [02:8:18 Pt April 2:3 = 0 The state of the state	Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2
Constraints and percent a	nge : 10GHz	~26.5GH ALIGN AUTO Avg Type: Log.Pwr	1.3 ms (20000 pts) Z [02:8:18 Pt April 2:3 = 0 The state of the state	Peak Search Next Peak Next Pk Right Next Pk Left Marker Delta MkrCF		#VBW 3.0 MHz	#Sweep 501.3 ms (20000 pts)	1 of 2



LTE Band 66 Channel Band width: 5MHz	
Channel 131997	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
Marker 1 944.0767/03835 MHz Store Store Store Auge Auto Res End Face Auge Auto Auge Auto <td>Peak Search B & L IF 50 © Senecimit Allow Anto (0254247 Marth 2018) Marker 1 4.0665903345167 GHz PHO: Fast Carting Trig: Free Run atom: 30 db Trig: Free Run atom: 30 db Peak Search</td>	Peak Search B & L IF 50 © Senecimit Allow Anto (0254247 Marth 2018) Marker 1 4.0665903345167 GHz PHO: Fast Carting Trig: Free Run atom: 30 db Trig: Free Run atom: 30 db Peak Search
Ref Offset 22 95 dB Attitude 30 dB 10 dB/div Ref 42.95 dBm -27.88 dBm	Next Peak Ref Offset 22 56 dB Mkr1 4,066 9 GHz Next Peak 10.dB/db/ Ref 42.95 dBm -21.85 dBm Next Peak
330	Next Pk Right Next Pk Right
320	Next Pk Left
299	Marker Delta
here shall be a special billing in the law are smaller build able as a fit can be write a standard and a source 327	Mkr-RefLvl 371
Start 9 kHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	More More 1 of 2 Start 1.000 GHz Stop 10.000 GHz 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
MSG STATUS	MCS #MW 3/0 mmz #Sweep 301.5 mm (20000 pts)) MS3 [status]
Frequency Range : 10GHz~26.5GHz	
Keysight Spectrum Analyzer - Swept SA	
RL RF S0 R DC SENSE:INT ALIGN AUTO 02:59:00 PM Apr11, 2018 Marker 1 26,264863243162 GHz Avg Type: Log-Pwr TR4CE 12.343.0 TR4CE 12.343.0	Peak Search
RL IP Sign pc Section Auge auto Description Theory Section Marker 1 26:264863243162 GHz Free Run Avg Type: Log-Pwr Theory Trace Type Run Theory Type Run<	
Ref PP Sign DC Stocker Auge Auro C239000 Model 11, 2018 Marker 1 26,264363243162 GHz FR0C Fast Battern: 30 d5 Free Run Free Run Attern: 30 d5 Avg Type: Log-Pwr Type: Log-Pwr	Peak Search
The AL PP 99 CC State of the ALBRANCE CASE of the ALBRANCE CONSISTENCE OF THE ALBRANCE CONSISTENCE OF THE ALBRANCE CONSISTENCE OF THE ALBRANCE OF THE ALBRANC	Peak Search Next Peak
Name No O O State Alge Auro Alg	Peak Search Next Peak Next Pk Right
National State State Avg	Peak Search Next Peak Next Pk Right
Nation Product Sector Augustion Control Sector Augustion Control Contro Control Control <t< td=""><td>Peak Search Next Peak Next Pk Right Marker Deta</td></t<>	Peak Search Next Peak Next Pk Right Marker Deta
Nation Product Sector Augustion Control Sector Augustion Control Contro Control Control <t< td=""><td>Peak Search Next Peak Next Pk Right Marker Deta</td></t<>	Peak Search Next Peak Next Pk Right Marker Deta



LTE Band 66 Channel Band width: 5MHz		
Channel 132322 Frequency Range : 9kHz~1GHz		Frequency Range : 1GHz ~10GHz
Keysight Spectrum Analyzer - Swept SA		🔤 Keysight Spectrum Analyzer - Swept SA
Marker 1 B92.81240.607 Steleparti Marker 1 Aug Type: Log-Pwr Trace IFGain.dow Trig: Free Run Atten: 30 dB Avg Type: Log-Pwr Trace Arg Type: Log-Pwr	2018 Peak Search	N. Nº See DC See DC ALIGN AUTO D23713PM Av11, 2018 Markor 1 3.7/89669484474 CH2 Trig: Free Run Avg Type: Log-Per Trice: Free Run PRO: Fast Cont.com Trig: Free Run Cont.com Cont.c
Ref offset 22.95 dBm -27.02 (0 dB/dt/ Ref 42.95 dBm -27.02 (Ref Offset 22 95 dB Mkr1 3.789 7 GHz 10 dB/div Ref 42.95 dBm -21.26 dBm
330	Next Pk Right	330 Next Pk Right
130	Next Pk Left	220 Next Pk Left
295	Marker Delta	295 Marker Delta
.17.1 ku.4	00 den Mkr→CF	47.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1
 Standards (Social Section 1 and Section 2) and the section of the section of the section of the section 1 and the section 1 a	Mkr→RefLv	
Start 9 kHz Stop 1.0000 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (2000)	More GHz	Start 1.000 GHz Stop 10.000 GHz 1 of 2
		#Pag BW 1.0 MHz #VBW 3.0 MHz #Sween 501.3 mg (20000 ntc)
MIG	05)	#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
Frequency Range : 10GHz~26.5GHz	2018	
Frequency Range : 10GHz~26.5GHz • Koyati Spectrum Analyse : Swag SA • Koyati Sp	2018	
Instrume Instrume Frequency Range : 10GHz~26.5GHz Image: Sector Andrew Sector S	2018 Peak Search	
Frequency Range : 10GHz~26.5GHz	2018 Peak Search	intatua i
Introduction Introduction Frequency Range : 10GHz~26.5GHz Introduction Introduction Intentinter Intentententer	2018 Peak Search SHz Bm	
The former sector of the forme	2014 Peak Search Next Peak Next Pk Right	
The second secon	2019 14 C Q 14 C Q	
The second secon	2019 Peak Starch Next Peak Next Pk Right Next Pk Left Marker Detta	
Constraints Constrain	2019 14 C Q 14 C Q	
Constraints Constrain	2010 Peak Starch Next Peak Next Peak Next Pk Right Next Pk Left Marker Delta MkrCF MkrCF	



LTE Band 66 Channel Bar Channel 132647	nd width: 5MHz			
Frequency Range : 9kHz~	1647		Frequency Range : 1GHz ~10GHz	
Keysight Spectrum Analyzer - Swept SA	ALIGN AUTO 02:54:18 PM Apr 11, 2018	00	Keysight Spectrum Analyzer - Swept SA	- 0 ×
Marker 1 879.325966298 MHz PNO: Fest IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr TRACE 2345 TYPE DET	Peak Search	Marker 1 3.814890744537 GHz Fast C Trig: Free Run FGainton de Company State C Trig: Free Run FGainton de C Trig: Free Run Attan: 30 dB C Trig: Resk	Search
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm Log	Mkr1 879.33 MHz -26.86 dBm		k Mkr1 3.814 9 GHz N 10 dBiolv Ref 42.95 dB -22.10 dBm -22.10 dBm	lext Peak
33.0		Next Pk Right	Next	Pk Right
13.0		Next Pk Left	210 Nex	xt Pk Left
-7.05		Marker Deita	-7.05	rker Delta
47.1	CL1.13200 d8	Mkr→CF		Mkr→CF
		Mkr→RefLvl		r→RefLvi
Start 9 kHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 1.0000 GHz #Sweep 501.3 ms (20000 pts	More 1 of 2		More 1 of 2
Frequency Range : 10GH	STATUS			
Keysight Spectrum Analyzer - Swept SA	ALIGN AUTO 02:55:15 PM Apr 11, 2018	00		
Marker 1 23.660208010401 GHz PNO: Fast IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr TRACE 12 34 5 TYPE DET 201110	Peak Search		
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Mkr1 23.660 2 GHz -17.35 dBm	Next Peak	ĸ	
33.0		Next Pk Right	n	
23.0				
13.0		Next Pk Left	n en	
296		Marker Delta		
		Mkr→CF		
		Mkr→RefLvl	Y Contraction of the second	
Start 10.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 26.500 GHz #Sweep 501.3 ms (20000 pts			
#VOW 3.0 WIN2 #VOW 3.0 WIN2	#Sweep_301.3 ms (20000 pts	a –		



LTE Band 66 Channel Ban	d width: 10MHz			
Channel 132022				
Frequency Range : 9kHz~	1GHz		Frequency Range : 1GHz ~10GHz	- 4 ×
Koysigkt Spectrum Analyzer - Swept SA SENSE: 101 R VP 1:00 pc SENSE: 101 Marker 1 1:668,5099254396 MHz Trig: Free Run IFGain.Low Trig: Free Run	ALIGN AUTO 03:37:29 PM Apr11, 2018 Avg Type: Log-Pwr TRACE 2:3 4 5 TYPE 1:2 3 4 5 OET 1:2 3 4 5	Peak Search		ak Search
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Mkr1 868.51 MHz -27.28 dBm	NextPeak	Ref Offset 22.95 dB Mkr1 3.744 2 GHz	Next Peak
33.0		Next Pk Right	330 Ne	xt Pk Right
23.0		Next Pk Left	200	lext Pk Left
2.96		Marker Delta	-7.05	larker Delta
-17.1	0L1-43.00 dBm	Mkr→CF		Mkr→CF
a sense vid sut (sen et al. et al 37.1		Mkr→RefLvl		kr→RefLvi
Start 9 kHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 1.0000 GHz	More 1 of 2	Start 1.000 GHz Stop 10.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep .501.3 ms (20000 pts)	More 1 of 2
MIR	#Sweep 501.3 ms (20000 pts)	л 	Access by 1.0 MHz #VDW 3.0 MHz #Sweep 3013 HIS (20000 pts)] Mag [status]	
Frequency Range : 10GHz	z~26.5GHz			
Reysight Spectrum Analyzer - Snept SA SENSE-INT RL RP SO G SENSE-INT Marker 1 26.197209800493 GHz Trig: Free Run IFGeint.ow Trig: Free Run	ALIGN AUTO 03:38:10 PM Apr 11, 2018 Avg Type: Log-Pwr TRACE 12:3 4 TYPE MURAN	Peak Search		
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm Log	Mkr1 26.197 2 GHz -16.38 dBm	Next Peak		
33.0		Next Pk Right		
23.0		Next Pk Left		
296		Marker Delta		
		Mkr→CF		
		Mkr→RefLvl		
Start 10.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 26.500 GHz #Sweep 501.3 ms (20000 pts)	More 1 of 2		
MSG	STATUS			



LTE Band 66 Channel Band width: 10MHz	
Channel 132322	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
Marker 1 89/1.451572579 MHz Aug Type: Log-Pwr Trid: Free Run Avg Type: Log-Pwr Trid: Free Run Park Search Free Run Arten: 30 dB 0 cert Participant Trid: Free Run Trid:	h W RL RF 30 D C SAREIMT ALIGNAUTO 033618PM/p11,208 Park Search Marker 1 3.794189709435 GHz Trig: Free Run Ficial row Asten: 30 dB Park Search Park Search
Ref Offset 22:95 dB Mkr1 891.45 MHz 10 dBiddi Ref 42.95 dBm -27.18 dBm	eak Ref Offset 2295 dB Nkr1 3.794 2 GHz -20.92 dBm -20.92 dBm
SSD Next Pk R	light 230 Next Pk Right
130 Next Pk	Left Next Pk Left
295 Marker D	7.05
17.1 XL-100.00 MKr	-CF 17.1 Minute Min Minute Minute Min
	fLvi 071 MkrRefLvi
	More More of2 Start 1.000 GHz 1 of2 start 1.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
MSG STATUS	100 III III III III III III III III III
Frequency Range : 10GHz~26.5GHz	
Marker 1 26.428221411071 GHz Avg Type: Log-Pwr TRACE 12 3 4 5 6 PNO: Fast Trig: Free Run IFGeinLow #Atten: 30 dB DET Statistics	
Ref Offset 22 95 dB Mkr1 26.428 2 GHz	eak
530 Next Pk R	ight
220 Next Pk	Let
299 Marker 0	Deta
12.2 K. C. La part in the second	-CF
274 374 Martin de 196 - 196 Martin de 196 M	
Start 10.000 GHz Stop 26.500 GHz	Acre of 2
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	



LTE Band 66 Channel Band width: 10MHz	
Channel 132622	
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz
Marker 1 810.792039602 MHz PNO: Fast Comparison Trig: Free Run IFGainLow #Atten: 30 dB Der Melan Na	M RL RF 30 S DC SENECHT AUGM AUTO 03:341:09 Avg11,2018 Pack Search Marker 1 3.778438921946 GHz Free Run Avg Type: Log-Pwr Trig: Free Run
Ref Offset 2295 dB Mkr1 810.79 MHz	eak Ref Offset 22:95 dB Nkr1 3.778 4 GHz 10 dB/div Ref 42:95 dBm -21.67 dBm
530 Next Pk R	Ight 23.0 Next Pk Right
Vice And	Left 10 Next Pk Left
295 Marker (eta 236 Marker Delta
Mkr→Re	TLV 371 Mkr-RefLvi
	Of 2 Stop 10.000 GHz More fr2 Start 1.000 GHz \$Stop 10.000 GHz 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
MSG STATUS	Ind Internet
Frequency Range : 10GHz~26.5GHz	
Marker 1 26.166683334165 GHz Trig: Free Run Avg Type: Log-Pwr Trough Park Search Micker 2 26.16668334165 GHz Trig: Free Run Avg Type: Log-Pwr Trough Park Search	
Ref Offiset 22:25 dB Mkr1 26.166 7 GHz	eak de la companya de
S3.0 Next Pk R	ght
210 Next Pk	Left
296 Marker D	eta
	-CF
1771 and the second se	LM
Start 10.000 GHz Stop 26.500 GHz	fore of 2
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	



LTE Band 66 Channel Bar	nd width: 15MHz			
Channel 132047				
Frequency Range : 9kHz~	-1GHz		Frequency Range : 1GHz ~10GHz	
Keysight Spectrum Analyzer - Swept SA SENSE.INTI RL PP 50 0.00 SENSE.INTI Markor 1.943.397669883 MHz PNO: Fast Trig: Free Run IFGaints: 30 dB Trig: Free Run	ALIGN AUTO 03:58:22 PM Apr 11, 2018 Avg Type: Log-Pwr TRACE 23:36 TYPE DET 2014	Peak Search		ak Search
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm Log	Mkr1 943.40 MHz -27.60 dBm	Next Peak	Ref Offset 22.95 dB Mkr1 3.806 8 GHz -21.02 dBm -21.02 dBm	Next Peak
33.0		Next Pk Right	330 Ne	xt Pk Right
13.0		Next Pk Left	220	lext Pk Left
2.96		Marker Delta	7.05	arker Delta
47.1	DL1-4300 dBe	Mkr→CF		Mkr→CF
- 27-1 -27-1	n an air de na ion y fear tha tha faith sinn an tha faith ann an tha faith ann an tha faith an ann an tha ann a An tha ann an tha ann an tha ann an tha ann an tha an tha ann an th An tha ann an tha ann a	Mkr→RefLvl		kr→RefLvi
Start 9 kHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 1.0000 GHz	More 1 of 2		More 1 of 2
MBG	#Sweep 501.3 ms (20000 pts)		Area #Sweep Surtamis (20000 pts)) Ima [status]	
Frequency Range : 10GH	z~26.5GHz			
Marker 1 25.649382469124 GHz PN0:Fast C IFGeinLow IFGeinLow	ALIGN AUTO 03:39:02 PM Apr11, 2018 Avg Type: Log-Pwr TRACE 0 2:3 3 TYPE N	Peak Search		
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Mkr1 25.649 4 GHz -16.65 dBm	Next Peak		
33.0		Next Pk Right		
23.0		Next Pk Left		
2.96		Marker Delta		
		Mkr→CF		
		Mkr⊸RefLvl		
Start 10.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz	Stop 26.500 GHz #Sweep 501.3 ms (20000 pts)	More 1 of 2		
MSQ	STATUS			



LTE Band 66 Channel Band width:	15MHz	
Channel 132322		
Frequency Range : 9kHz~1GHz		Frequency Range : 1GHz ~10GHz
Bit RL RF 150.0 OC SERSE/ITT ALIGN AU Marker 1 918.903945197 MHz Frig: Free Run Avg Type: Log-P Avg Type: Log-P Avg Type: Log-P FR0: Free Run Frig: Free Run Frig: Free Run Avg Type: Log-P Avg Type: Log-P	JTO 03:56:32 PM Apr 11, 2018	Marker 1 3.777983899445 GHz Selection August
Ref Offset 22.95 dB 10 dB/div Ref 42.95 dBm	Mkr1 918.90 MHz -27.24 dBm	Ref Offset 2295 dB Mkr1 3.778 0 GHz Next Peak 10 gBldiv Ref 42.95 dBm -21.49 dBm
33.0	Next Pk Right	Next Pk Right
130	Next Pk Left	Next Pk Left
7.05	Marker Delta	2.96 Marker Delta
-17.1	CLI 13 00 dEn ↓1 Mkr→CF	17.7 1 2.1.120 cm 17.7 1 Market and the star of the s
32.7.1	Mkr→RefLvi	State Stat
Start 9 kHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep	More Stop 1.0000 GHz 501.3 ms (20000 pts)	Offer More Start 1.000 GHz Stop 10.000 GHz 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
MSG STA	ATUS	
Frequency Range : 10GHz~26.5G	Hz	
RL RF 150.0 0C SERVELINT ALIGN AU Marker 1 26,472773638682 GHz FRO: Fast Cp Trig: Free Run FRO: Fast Cp Trig: Free Run FRO: So dB		
	Akr1 26.472 8 GHz -16.19 dBm	
33.0	Next Pk Right	
230	Next Pk Left	
296		
-7.05	Marker Delta	
	Mkr-CF	
	Mkr→RefLvi	
Start 10.000 GHz	More Stop 26.500 GHz	
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep	501.3 ms (20000 pts)	



LTE Band 66 Channel Band width: 15MHz		
Channel 132597		
Frequency Range : 9kHz~1GHz	Frequency Range : 1GHz ~10GHz	
Registive Spectrum Analyzer - Species State Species State Autor Autor 10 (353:34 PM April), 2018 Marrikor 1 696:374318741 MHz, PNO; Fast C, Fischickow Trig: Free Run #Atten: 30 dB Autor Autor 0, 253:34 PM April, 2018	Peak Search Markor 1 4.92/554/92 77314 GHz Stote Charlow Augment of Charlow Augment of Charlow Peak Sea Markor 1 4.92/554/277314 GHz PR0: France Trig: Free Run Avg Type: Log-Pwort Table Prove Table <td< td=""><td>Peak</td></td<>	Peak
Ref Offset 22.95 dB Mkr1 696.37 MHz 10 dBJdiv Ref 42.95 dBm -27.49 dBm	Next Peak Ref Offset 22.95 dB Mkr1 4.925 5 GHz Next	reak
220	Next Pk Right 330 Next Pk	Right
130	Next Pk Left	k Left
2 29	Aarker Delta	Delta
	MkrCF 271 Mit and a straight and a straight of the straighto	r→CF
	MkrRefLy 271 MkrR	_
Start 9 kHz Stop 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	More Start 1.000 GHz Stop 10.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	More 1 of 2
Frequency Range : 10GHz~26.5GHz		
Koylight Spectrum Analyzer - Swept SA Specific Spectrum Aujon Autro 02.553.94 PM April 1.2018 M RL PF 50.0 CC Specific Spectrum Aug Type: Log-Pwr TRACE IP 2.86.95 Markfort 1 261.039/62/59/81349 CHz PHO Fant Trig: Free Run Trig: Specific Spectrum Trig: Specific Sp	Peak Search	
Ref Offset 22.95 dB Mkr1 26.039 6 GHz 10 dB/div Ref 42.95 dBm -17.17 dBm -17.17 dBm	NextPeak	
330	Next Pk Right	
	Next Pk Left	
295 705	Marker Delta	
17.7 Construction of the second	MkrCF	
21 -01	Mkr→RefLvi	
Start 10.000 GHz Stop 26.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	More 1 of 2	



LTE Band 66 Channel Band width: 20MHz	
Channel 132072	
Frequency Range : 9kHz~1GHz Frequency Range : 1GHz ~10GHz	
Marker 1 459,585979299 MHz Avg Type: Log-Pwr THREE TO State The State To State The State To State The State To State The State To State To State The State To State T	20:38 PM Apr11, 2018 TRACE 1 2 3 4 5 0 TYPE PINNINN DET PINNINN
Ref Offset 22.95 dB Mkr1 459.59 MHz 10 dB/div Ref 42.95 dBm -27.66 dBm 10 dB/div Ref 42.95 dB Mkr1 4	4.922 8 GHz -21.65 dBm
330 Next Pk Right 330	Next Pk Right
220 - 220 -	Next Pk Lef
295 256 256 256 266 276276 _	Marker Delta
3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1 3/7.1	Mkr→CF
31	Mkr⊸RefLv
More 1072 Start 9 kHz Stop 1.0000 GHz 1072 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (2000 pts) #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (2000 pts)	0 000 GHz 1 of 2 ns (20000 pts)
Frequency Range : 10GHz~26.5GHz	
Resk Search	
Ref Offset 22.35 dB Mkr1 26,144 4 GHz 0 dB/div Ref 20,50 dBm	
Next Pk Right	
330 Next Pk Left	
20 Marker Delta	
17.2 Keine auf der Aussen auf der Au	
SZ.2 MkrRefLvi	
Start 10.000 GHz Stop 26.500 GHz More 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	



LTE Band 66 Channel Band width: 20MHz		
Channel 132322	<u>اح</u>	
Frequency Range : 9kHz~1GHz		Frequency Range : 1GHz ~10GHz
Marker 1 794.931746587 MHz Aug Field Avg Type: Log-Pwr TRACE <	(X)	RL RF SOR DC SENSE:DIT ALIGN AUTO 04:19:01 PM Apr11, 2018 Peak Search Marker 1 4.050252512626 GHz Avg Type: Log-Pwr TR4CE 12:3:4:5:7 Peak Search
Ref Offset 22.95 dB Mkr1 794.93 MHz Mkr1 794.93 MHz 10 dB/dtly Ref 42.95 dB -27.18 dBm -27.18 dBm	Next Peak	IFGenLow #Atten: 30 dB certainten 10 dBldark Ref 42.95 dB c61z NextPeak 20 dBldark Ref 42.95 dBm21.33 dBm
330	Next Pk Right	330 Next Pk Right
220	Next Pk Left	220 Next Pk Left
2.95	23 Marker Delta -7.0	295 Marker Delta
17.2	Mkr→CF	12.1 Kur 13.0 es 22.1 Kur 14.
37.1	Mkr→RefLvl -37	37.1 MkrRefLv
Start 9 kHz Stop 1.0000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	More 1 of 2 tt	Start 1.000 GHz Stop 10.000 GHz 1 of 2 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)
MEG	MSC	ACS BW 1.0 WHZ #VBW 3.0 WHZ #SWEEP 30 1.3 WS (2000 pts)]
Frequency Range : 10GHz~26.5GHz	- 4 -	
Marker 1 26,159257962898 CH2_ Fine Run Auge Autro Out 322 PM April 2 are 1 and 1 a	Peak Search	
Ref Offset 22.95 dBm Mkr1 26.159 3 GHz 10 dBldiv Ref 42.95 dBm -15.53 dBm	Next Peak	
33.0	Next Pk Right	
220	Next Pk Left	
299	Marker Delta	
	Mkr→CF	
	Mkr→RefLvi	
	More 1 of 2	
Start 10.000 GHz Stop 26.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000 pts)	1012	



LTE Band 66 Channel Band width: 20MHz		
Channel 132572		
Frequency Range : 9kHz~1GHz		Frequency Range : 1GHz ~10GHz
	. 2018	Date See See Entl Allow ATO Del 2/2 3F Mort 1, 2018 Pack Search Marker 1 3.7635/588179409 GHz Trig: Free Run Yrig: Free Run Trig: Free Run <td< td=""></td<>
Ref Offset 22.95 dB Mkr1 819.67 I 10 dB/diy Ref 42.95 dBm -27.56 d -27.56 d	NHZ Next Peak	Ref Offset 22.95 dB Mkr1 3.763 6 GHz 10 dB/div Ref 42.95 dBm -22.10 dBm
	Next Pk Right	330 Next Pk Right
	Next Pk Left	220 Next Pk Left
2.96	Marker Delta	7.05
17.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	Mkr→CF	47.1 A CONTRACT OF
Procession of the Area Strategies and the Area and the Area of the	Mkr→RefLv	1 37.1 Mkr-RefLvl
Start 9 kHz Stop 1.0000 #Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (2000)	More GHz 1 of 2	
MSG STATUS		
Frequency Range : 10GHz~26.5GHz	- 0 -	
0 RL RF 150.0 CC SENSENT ALIGN AUTO 04:374 PM-49-11 Marker 1 25.554502725136 CH2 Trise: Free Run PHOL Fast CD Free Run Avg Type: Log-Pwr Tree 12 PHOL Fast CD Free Run Avg Type: Log-Pwr Typ	2018 Peak Search	
Ref Offset 22.95 dB Mkr1 25.554 5 0 10 dB/div Ref 42.95 dBm -17.04 d		
33.0	Next Pk Right	
220	Next Pk Left	
295	Marker Delta	
7.05	1 dbn	
127 1 43 Million of Alexandra Million and Alexandr	Mkr→CF	
	Mkr→RefLv	
Start 10.000 GHz Stop 26.500	More GHz 1 of 2	
#Res BW 1.0 MHz #VBW 3.0 MHz #Sweep 501.3 ms (20000	pts)	



4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

According to FCC 27.53(a)(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands: (i) By a factor of not less than: $43 + 10 \log (P) dB$ on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz; (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz; (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, 55 + 10 log (P) dB below 2288 MHz; (iii) By a factor of not less than 70 + 10 log (P) dB on all frequencies between 2388 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz; (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB below 2288 MHz; (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

According to FCC 27.53 (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;

(3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

(5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

(6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

According to FCC 27.53(f) For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

According to FCC 27.53(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

According to FCC 27.53(h) AWS emission limits— General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.

According to FCC 27.53(v)(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.



4.8.2 Test Procedure

- e. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels (low, middle and high channel of operational frequency range.)
- f. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- g. The substitution antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step b. Record the power level of S.G
- h. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution antenna.

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.3 Deviation from Test Standard

No deviation.



4.8.4 Test Setup <Frequency Range below 1GHz> Ant. Tower 1-4m Variable 3m EUT& **Support Units** Turn Table 80cm Ο Ο ╧ Ground Plane **Test Receiver** 0 0 0 0 ٩, 0 0 0 <Frequency Range above 1GHz> Ant. Tower 1-4m Variable EUT& 3m **Support Units Turn Table** Absorber 1.5 m Ο Ο **Ground Plane Test Receiver** 0 0 0 0 0 0 0 0 For the actual test configuration, please refer to the attached file (Test Setup Photo).



4.8.5 Test Results

Below 1GHz

WCDMA:

Mode	TX channel 1312			Frequ	Frequency Range Below 100			
Antenna Polarity & Test Distance: Horizontal at 3 M								
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	92.88	33.75	-58.16	-1.04	-59.21	-13	-46.21	
2	237.9	35.53	-59.83	3.84	-55.99	-13	-42.99	
3	289.15	32.54	-62.93	3.78	-59.14	-13	-46.14	
4	344.76	31.96	-65.73	3.61	-62.12	-13	-49.12	
5	472.1	35.04	-62.14	2.84	-59.30	-13	-46.30	
6	735.93	28.98	-67.39	1.02	-66.36	-13	-53.36	
		Antenna	a Polarity & Te	est Distance:	Vertical at 3 M	1		
No.	Freq. (MHz)	Reading (dBm)	S.G Power Value (dBm)	Correction Factor (dB)	Emission Value (dBm)	Limit (dBm)	Margin (dB)	
1	68.37	29.98	-57.65	-4.91	-62.56	-13	-49.56	
2	94.25	30.82	-60.98	-1.00	-61.99	-13	-48.99	
3	129.78	25.80	-65.55	-1.23	-66.79	-13	-53.79	
4	238.03	30.02	-65.34	3.82	-61.52	-13	-48.52	
5	509.74	31.04	-64.35	2.81	-61.54	-13	-48.54	
6	609.71	33.47	-61.22	1.78	-59.44	-13	-46.44	

Remarks:

1. Emission Value (dBm) = S.G Value (dBm) + Correction Factor (dB).

2. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).